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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/628,818
				Filing Date	07/28/2003
				First Named Inventor	Szyperski
				Art Unit	3737
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	19226/2201 (R-5771)

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	1	Szyperski et al., "Reduced Dimensionality in Triple-Resonance NMR Experiments," <i>J. Am. Chem. Soc.</i> , 115:9307-9308 (1993)	
	2	Szyperski et al., "3D <sup>13</sup> C- <sup>15</sup> N-Heteronuclear Two-Spin Coherence Spectroscopy for Polypeptide Backbone Assignments in <sup>13</sup> C- <sup>15</sup> N-Double-Labeled Proteins," <i>J. Biomol. NMR</i> , 3:127-132 (1993)	
	3	Szyperski et al., "3D <sup>1</sup> H <sup>α/β</sup> <sup>13</sup> C <sup>α/β</sup> (CO)NHN, a Projected 4D NMR Experiment for Sequential Correlation of Polypeptide <sup>1</sup> H <sup>α/β</sup> , <sup>13</sup> C <sup>α/β</sup> and Backbone <sup>15</sup> N and <sup>1</sup> H <sup>N</sup> Chemical Shifts," <i>J. Magn. Reson.</i> , B105:188-191 (1994)	

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	4	Szyperski et al., “A Novel Reduced-Dimensionality Triple-Resonance Experiment for Efficient Polypeptide Backbone Assignment, 3D <u>CO HN N CA</u> ,” <u>J. Magn. Reson.</u> , B108:197-203 (1995)		
	5	Szyperski et al., “Useful Information from Axial Peak Magnetization in Projected NMR Experiments,” <u>J. Am. Chem. Soc.</u> , 118:8146-8147 (1996)		
	6	Szyperski et al., “Two-Dimensional <i>ct</i> -HC(C)H-COSY for Resonance Assignments of Smaller <sup>13</sup> C-Labeled Biomolecules,” <u>J. Magn. Reson.</u> , 128:228-232 (1997)		
	7	Szyperski et al., “Sequential Resonance Assignment of Medium-Sized <sup>15</sup> N/ <sup>13</sup> C-Labeled Proteins with Projected 4D Triple Resonance NMR Experiments,” <u>J. Biomol. NMR</u> , 11:387-405 (1998)		
	8	Liu et al., "NMR Experiments for Resonance Assignments of <sup>13</sup> C, <sup>15</sup> N Doubly-Labeled Flexible Polypeptides: Application to Human Prion Protein hPrP(23-230)," <u>J. Biomol. NMR</u> , 16:127-138 (2000)		
	9	Yamazaki et al., "Assignments of Backbone <sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N Resonances and Secondary Structure of Ribonuclease H from <i>Escherichia coli</i> by Heteronuclear Three-Dimensional NMR Spectroscopy," <u>Biochemistry</u> , 30:6036-6047 (1991)		
	10	Brutscher et al., “Determination of an Initial Set of NOE-Derived Distance Constraints for the Structure Determination of <sup>15</sup> N/ <sup>13</sup> C-Labeled Proteins,” <u>J. Magn. Reson.</u> , B109:238-242 (1995)		
	11	Szyperski et al., “Reduced-Dimensionality NMR Spectroscopy For High-Throughput Protein Resonance Assignment,” <u>PNAS</u> , 99:8009-8014 (2002)		

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	1	Fernández et al., "NMR with <sup>13</sup> C, <sup>15</sup> N-Doubly-Labeled DNA: The <i>Antennapedia</i> Homeodomain Complex with a 14-mer DNA Duplex," <i>Journal of Biomolecular NMR</i> 12:25-37 (1998)	
	2	Gehring et al., "H(C)CH-COSY and (H)CCH-COSY Experiments for <sup>13</sup> C-Labeled Proteins in H <sub>2</sub> O Solution," <i>Journal of Magnetic Resonance</i> 135:185-193 (1998)	
	3	Yamazaki et al., "Two-Dimensional NMR Experiments for Correlating <sup>13</sup> Cβ and <sup>1</sup> Hδ/ε Chemical Shifts of Aromatic Residues in <sup>13</sup> C-Labeled Proteins via Scalar Couplings," <i>J. Am. Chem. Soc.</i> 115:11054-11055 (1993)	

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	4	Shirra, "Three Dimensional NMR Spectroscopy," <a href="http://www.cryst.bbk.ac.uk/PPS2/projects/schirra/html/3dnmr.htm">http://www.cryst.bbk.ac.uk/PPS2/projects/schirra/html/3dnmr.htm</a> (1996)	
	5	Pang et al., "High-Resolution Detection of Five Frequencies in a Single 3D Spectrum: HNHCACO – A Bidirectional Coherence Transfer Experiment," <i>Journal of Biomolecular NMR</i> 11:185-1990 (1998)	
	6	Gardner et al., "The Use of <sup>2</sup> H, <sup>13</sup> C, <sup>15</sup> N Multidimensional NMR to Study the Structure and Dynamics of Proteins," <i>Annu. Rev. Biophys. Biomol. Struct.</i> 27:357-406 (1998)	
	7	Sattler et al., "Triple Resonance Pulse Programs for <sup>13</sup> C, <sup>15</sup> N Labeled Proteins," <a href="http://www.embl-heidelberg.de/nmr/sattler/PP/pulseprograms.html">http://www.embl-heidelberg.de/nmr/sattler/PP/pulseprograms.html</a> (2001)	
	8	Tugarinov et al., "Four-Dimensional NMR Spectroscopy of a 723-Residue Protein: Chemical Shift Assignments and Secondary Structure of Malate Synthase G," <i>J. Am. Chem. Soc.</i> 124:10025-10035 (2002)	
	9	Kennedy et al., "Role for NMR in Structural Genomics," <i>Journal of Structural and Functional Genomics</i> 2:155-169 (2002)	

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